Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

		Poting **	Λ.	Issue No.		2	
LM Start		Rating **	Α	issue ivo.		3	
LM End		Issue Type +	Ma	Location *			
Category Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Emergency Supplies &				0		0	
item	Item Equipment				0		0
DWR ID DWR_RD0349_01_f _ 2014_3							
Comment Code							
		Inspecto	or Comm	nent			
District doe	es have so	me supplies i	ncluding	sand, sand	d bag	gs, and	
stakes.							

No Photos

LM Start		Rating **	Α	Issue No.		4		
LM End		Issue Type +	Ma	Location *				
Category	Earthen L	GPS La	atitud	le/Longitude				
Category		Start		End				
Operations & Maintenance			nce		0		0	
пеш	Manuals				٥		0	
DWR ID	DWR ID DWR_RD0349_01_f _ 2014_4							
		Comn	nent Cod	de				
	Inspector Comment							
RD 349 ha	is O&M Ma	anual on hand	l.					

No Photos

LM Start		Rating **	М	Issue No.		14	
LM End		Issue Type +	Ма	Location *			
Category Earthen Levee			GPS La	atitud	de/Longitude		
Calegory				Start		End	
Item	Flood Preparedness & Training				0		0
item					0		0
DWR ID	DWR ID DWR_RD0349_01_f _ 2014_14						
		Comn	nent Cod	le			
			_				
		Inspecto	or Comm	ient			
LMA has not taken flood fight training in the past couple of years.							

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	0.01	Rating **	A/W	Issue No.		9	
LM End	0.10	Issue Type +	Ma	Location *	WS		
Category				GPS Lat	ituc	le/Longitude	
Calegory	Category				Start		
Item	2017 USACE Erosion Survey,			38.32699	6°	38.325798	0
пеш	DRAFT			-121.57655	7°	-121.577027	0
DWR ID	DWR_RD0	349_01_f _ 201	8_9				

No Photos

Inspector Comment

Comment Code

2017 Site ID: SAC 33.9 R

Status: Critical

2017 Field Notes: New erosion pocket. Tree roots propped up with junk. Tree likely to fall and house to come tumbling after. Upgraded to critical. Site History: 2015 - Erosion observed at the toe.

2018: Vegetation was too thick to observe completely but did look like

tree was likely to fall soon.

LM Start	0.22	Rating **	М	Issue No.		21
LM End	0.26	Issue Type +	Ma	Location *	LS	
Category Earthen Levee				GPS La	atitud	e/Longitude
				Start		End
Item	Vegetation			38.3240	52°	38.323492 °
					78°	-121.577952°
DWR ID DWR_RD0349_01_f _ 2018_21						
		Comn	nent Coc	ام		

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation all the way down to land side toe

Photo 1 of 1 : FA_2018_RD0349_204_21_20181109_00029.jpg



Vegetation looking downstream on the land side slope (November 2018).

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	0.47	Rating **	М	Issue No.		22
LM End	1.44	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category			Start		End	
Item	Vegetation			38.320520 °		38.307013 °
пеш				-121.5786	05 °	-121.575518°
DWR ID	DWR_RD0	349_01_f _ 201	7_22			
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						

Inspector Comment

No Photos

Issue No. Rating ** 0.56 Μ 28 LM Start 0.56 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.319327° 38.319327° Item -121.578822 ° -121.578822 ° DWR_RD0349_01_f _ 2018_28 DWR ID Comment Code

No Photos

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	0.61	Rating **	С	Issue No.		19	
LM End	0.61	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Trim / Thin Trees			38.3185	96°	38.318596	0	
item				-121.5789	79°	-121.578979	0
DWR ID DWR_RD0349_01_s _ 2018_19							
Comment Code							

No Photos

Inspector Comment

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

T1: Trim trees to at least five feet above ground level.

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	0.62	Rating **	M	Issue No.		30	
LM End	0.62	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetation			38.318392°		38.318392°	
item				-121.578987 °		-121.578987°	
DWR ID	DWR_RD0	349_01_f _ 201	8_30				
Comment Code							
V2 : Remove the wild growth other than native grasses from the levee slopes							

Inspector Comment

No Photos

Issue No. Rating ** С 0.73 LM Start 18 1.06 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.316821° 38.311992° Item -121.579161 ° -121.578460 ° DWR_RD0349_01_f _ 2017_18 DWR ID Comment Code

No Photos

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	0.89	Rating **	М	Issue No.		38	
LM End	0.89	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Trim / Thin Trees			38.3145	48°	38.314548	0	
item				-121.5790	98°	-121.579098	0
DWR ID DWR_RD0349_01_f _ 2018_38							
Comment Code							

No Photos

Inspector Comment

T1: Trim trees to at least five feet above ground level.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	0.92	Rating **	М	Issue No.		37			
LM End	0.92	Issue Type +	Ма	Location *		WS			
Category	evee	GPS Latitude/Longitude							
Calegory				Start		End			
Item	Trim / Thin Trees			38.3140	80°	38.314080 °			
item					02°	-121.579002°			
DWR ID	DWR_RD0	349_01_f _ 201	8_37						
		Comn	nent Cod	de					
T1: Trim t	rees to at I	east five feet	above g	round level.					
		Inspecto	or Comm	nent					

No Photos

LM Start	0.97	Rating **	U	Issue No.		35	
LM End	0.97	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Vegetation				38.3133	80°	38.313380°	
пеш				-121.5788	60°	-121.578860 °	
DWR ID DWR_RD0349_01_f _ 2018_35							
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation at land side toe

Photo 1 of 1: FA_2018_RD0349_204_35_20181109_00030.jpg



View of vegetation on the land side toe (November 2018).

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	1.00	Rating **	М	Issue No.		15	
LM End	1.06	Issue Type +	Ма	Location *			
Category			GPS Latitude/Longitude				
Category				Start		End	
ltom	2017 Stor	m Damage		38.31291	1 °	38.312131	0
пеш	Item				28°	-121.578292	0
DWR ID DWR_RD0349_01_f _ 2017_15							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description:District Station 52+92 to 55+88, Sec. 06, T. 5 N. R. 4 E., M.D.M. Approximately 296 linear-feet of eroded area exists along the waterside levee slope of the Sacramento River (Unit 1). Erosion commences at approximately 3/4 of the way down the slope from the crown and extends into the rip rap. Some rip rap has been pulled off in this section.

Site ID No:318

Site Designation:LMA-145 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

Notes: slope too steep, vegetation too thick for clear inspection, no

direct visual of damage



Waterside erosion at LM 1.02.

LM Start	1.10	Rating **	С	Issue No.		26		
LM End	1.16	Issue Type +	Ма	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Trim / Thin Trees			38.31143	2°	38.310689	0		
item				-121.57846	o°	-121.577875	0	
DWR ID DWR_RD0349_01_f _ 2017_26								
Comment Code								

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type		
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy		
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence		
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement		

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	1.14	Rating **	М	Issue No.		24
LM End	1.14	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Trim / Thin Trees			38.3109	92°	38.310992°	
item				-121.578050 °		-121.578050°
DWR ID	DWR ID DWR_RD0349_01_s _ 2018_24					
		Comn	nent Coc	de		
T1: Trim t	rees to at l	east five feet	above g	round level		
	Inspector Comment					

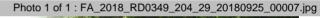
No Photos

LM Start	1.20	Rating **	U	Issue No.		29	
LM End	1.21	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Vegetatio	Vegetation			10°	38.309955	0
пеш				-121.5776	08 °	-121.577495	0
DWR ID	DWR_RD0349_01_f _ 2017_29						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment





Manage landside vegetation to allow inspection and access.

LM Start	1.40	Rating **	М	Issue No.		36		
LM End	1.40	Issue Type +	Ma	Location *	LS			
Category	evee		GPS Latitude/Longitude					
Category				Start		End		
Item	Encroachments				53°	38.307553°		
item	-121.575848 ° -12							
DWR ID DWR_RD0349_01_f _ 2018_36								
	Comment Code							

TR: Tree or limb

Inspector Comment



View of fallen tree limb on the land side toe (November 2018).

* Location

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating

A : Acceptable
N : Not Inspected/Rated
M : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

** Rating

A : Acceptable
C : Corrected
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/08/2018 11/08/2018	David Julian

LM Start	1.40	Rating **	С	Issue No.	32		
LM End	1.40	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	titud	e/Longitude	
				Start		End	
Vegetation			38.3075	33°	38.307533 °		
пеш			-121.57586	69°	-121.575869°		
DWR ID	DWR_RD0	349_01_f _ 201	7_32				
		Comn	nent Cod	de			
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee slopes.						
			_				

Inspector Comment

LM Start	1.54	Rating **	U	Issue No.		34
LM End	1.58 Issue Type + Ma		Location *		WS	
Category	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Vegetation			38.3057	72°	38.305252°
пеш		-121.5747	63°	-121.574791°		
DWR ID	DWR_RD0	349_01_f _ 201	7_34			

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Arundo completely blocks visibility and access to waterside of levee.

Photo 1 of 1: FA_2018_RD0349_204_34_20180925_00009.jpg

No Photos



Arundo completely blocks visibility and access to waterside of levee. Must be removed.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.04 Rating ** M			Issue No.		44	
LM End	0.08	Issue Type +	Ма	Location * WS		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Itom	Vegetatio	n		38.3048	77°	38.304719°	
Item				-121.5753	84°	-121.576083°	
DWR ID DWR_RD0349_02_f _ 2017_44							
		_	_				

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Waterside vegetation should be removed or thinned to 20 feet from crown to allow inspection and access.

Photo 1 of 1: FA_2018_RD0349_205_44_20180925_00029.jpg



Waterside vegetation should be removed or thinned to 20 feet from crown to allow inspection and access.

LM Start	0.12	Rating **	М	Issue No.	78		
LM End	0.14	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Vegetatio	n		38.3043	75°	38.304218°	
пеш				-121.5767	35°	-121.577055 °	
DWR ID DWR_RD0349_02_f _ 2018_78							
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.22	Rating **	M	Issue No.		77	
LM End	0.22	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3035	17°	38.303517	٥
пеш			-121.5781	91 °	-121.578191	0	
DWR ID	DWR_RD0	349_02_s _ 201	8_77				
		Comm	nent Coc	le			

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.25	Rating **	М	Issue No.		75		
LM End	0.25	Issue Type +	Ma	Location *		LS		
	evee	GPS La	atitud	e/Longitude				
Category				Start		End		
Item	Encroachi	ments		38.3033	17°	38.303317°		
пеш			-121.578673°		-121.578673°			
DWR ID DWR_RD0349_02_f _ 2018_75								
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Remove d	own tree fr	om the land s	ide slop	е				



View of down tree on the land side slope (November 2018).

	LM Start	0.34	Rating **	С	Issue No.		29		
	LM End	0.39	Issue Type +	Ma	Location *		WS		
	Category	Suppleme	ental		GPS La	atitud	e/Longitude		
	Calegory				Start		End		
	Item		2017 USACE Erosion Survey,			58°	38.301772	0	
	пеш	DRAFT			-121.5797	07°	-121.580093	0	
DWR ID DWR_RD0349_02_f _ 2018_29									
	Comment Code								

Inspector Comment

2017 Site ID: STM 25.8 R

Status: Critical

2017 Field Notes: Upgraded to critical. Significant bank erosion. Site History: 2007 - Slow erosion, probably due to wave wash and fluvial erosion. Site has likely been here for awhile but was unseen due to boats parked in front. 2015 - Large tree popout. Erosion scarp now reaches the crown of the levee.

2018: Site has been repaired

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

			_					
LM Start	0.35	Rating **	С	Issue No.		39		
LM End	0.35	Issue Type +	Ma	Location *		WS		
Category	evee	GPS La	titud	e/Longitude				
Calegory			Start		End			
Item	Slope Sta	bility		38.3023	68°	38.302368 °		
Item				-121.5799	33 °	-121.579933 °		
DWR ID	DWR ID DWR_RD0349_02_s _ 2017_39							
		Comn	nent Cod	de				
S1 : Repai	r slope ins	tability.						
		Inspecto	or Comm	nent				
This erosion	This erosion occurred during the Feb Storm 2017 event.							

No Photos

Rating ** С Issue No. 0.35 LM Start 32 0.37 Issue Type + Location * LM End Ma Supplemental GPS Latitude/Longitude Category Start Fnd 2017 Storm Damage 38.302217° 38.302017° Item -121.579847° -121.580017° DWR_RD0349_02_f _ 2017_32 DWR ID Comment Code

No Photos

Inspector Comment

Levee Evaluation Comments

Description: District Station 19+13 to 20+07, Sec. 07, T. 5 N. R. 4 E., M.D.M. . Approximately 94 linear feet of erosion exists on the water side slope of the Steamboat Slough levee (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe. No rip rap is visible in this area. Site ID No:320

Site Designation:LMA-147

Repair Type: Erosion Rating:Critical

Field Date:7/26/2017 Notes: fallen tree present

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.35	Rating **	С	Issue No.	38		
LM End	0.35	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start End			
ltom	Encroach	ments		38.3022	77°	38.302277	0
пеш	Item				60°	-121.579960	0
DWR ID DWR_RD0349_02_s _ 2017_38							
	Comment Code						

TR: Tree or limb

Inspector Comment

Fallen tree on the waterside slope cut up and remove from the levee section.

No Photos

0.40 Rating ** Issue No. М LM Start 74 Issue Type + Location * WS LM End 0.42 Ma Earthen Levee GPS Latitude/Longitude Category Start Fnd Trim / Thin Trees 38.301673° 38.301347° Item -121.580385° -121.580522° DWR_RD0349_02_f _ 2018_74 DWR ID

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

Rating ** Issue No. LM Start 0.45 49 0.46 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.300990° 38.300853° Item -121.580678° -121.580748° DWR ID DWR_RD0349_02_s _ 2016_49

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Thin out the trees to allow the slope to be seen.

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.60	Rating **	М	Issue No.	28		
LM End	0.72	Issue Type +	Ma	Location *	WS		
Category	ental	GPS Latitude/Longitude					
Calegory		Start		End			
Item		2017 USACE Erosion Survey,			97 °	38.297384°	
пеш	DRAFT			-121.58157	71 °	-121.582176°	
DWR ID	DWR_RD0349_02_f _ 2018_28						
	Comment Code						

Inspector Comment

2017 Site ID: STM 25.5 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2010 - Small maintenance, erosion into the toe. 2011 - Minor new erosion at toe. 2015 - Minor new erosion at toe, new tree

pop-out. 2016 - Fresh scarp at downstream end.



USACE 2013 Photo #1

LM Start	0.71	Rating **	С	Issue No.		52
LM End	0.71	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS La	titud	le/Longitude	
			Start		End	
Item	Trim / Thi	n Trees		38.2974	41 °	38.297441 °
item				-121.5824	51 °	-121.582451 °
DWR ID DWR_RD0349_02_f _ 2017_52						

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Landside trees should be trimmed and maintained to allow inspection and access to levee slope and toe.

No Photos

LM Start	0.79	Rating **	М	Issue No.		72	
LM End	0.79	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
Category	ategory			Start Er		End	
Item	Vegetation			38.2963	43°	38.296343	0
пеш				-121.5826	07°	-121.582607	0
DWR ID	DWR_RD0349_02_f _ 2018_72						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side N/A : Not Applica

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

tain En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.87	Rating **	U	Issue No.		71
LM End	0.87	Issue Type +	Ma	Location *		WS
Catagory Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
ltem Vegetation				38.2952	42°	38.295242°
				-121.583043 °		-121.583043 °
DWR ID	DWR_RD0	349_02_f _ 201	8_71			
		Comn	nent Cod	de		
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee
		Inspecto	or Comm	nent		
Arundo						

No Photos

Rating ** Issue No. LM Start 0.91 Μ 55 Location * WS 2.10 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.294642° 38.279207° Item -121.583282 ° -121.589805 ° DWR ID DWR_RD0349_02_f _ 2018_55 Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	0.92	Rating **	М	Issue No.	70		
LM End	0.97	Issue Type +	Ма	Location *	LS		
Category	Catagory Earthen Levee			GPS La	atitud	le/Longitude	
Calegory	Category					End	
Item	Vegetatio	n		38.2946	23°	38.293882	
пеш				-121.5832	87°	-121.583418	
DWR ID	R ID DWR_RD0349_02_f _ 2018_70						
Comment Code							

No Photos

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	0.93	Rating **	М	Issue No.		7
LM End	0.93	Issue Type +	Ма	Location *	LS	
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude
Category			Start		End	
Item	Encroachments			38.294385°		38.294385°
пеш				-121.583351 °		-121.583351 °
DWR ID	DWR_RD0	349_02_f _ 201	7_7			·
		Comn	nent Co	de		
TR : Tree	or limb					
Inspector Comment						
		removed fron to landside slo		,		

Fallen tree has been removed from road, but currently obstructs visibility and access to landside slope. Smaller branches/foliage are stacked along both roadway shoulders. All debris should be removed from levee.



Fallen tree on landside slope.

LM Start	1.06	Rating **	M	Issue No.		69	
LM End	1.26	Issue Type +	Ма	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Vegetation				75°	38.289685°	
пеш				-121.5838	47°	-121.584085°	
DWR ID	DWR ID DWR_RD0349_02_f _ 2018_69						
Comment Code							
V2 : Remo	ve the wild	d growth other	than na	tive grasses	s fro	m the levee	

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.33	Rating **	М	Issue No.	40		
LM End	1.49	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory		Start		End			
Item	2017 Storm Damage			38.2887	27°	38.286475°	
пеш			-121.5838	23°	-121.585026°		
DWR ID DWR_RD0349_02_f _ 2017_40							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:66

Site Designation:DWR_RD0349_02_s_2012_28

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: dense vegetation and large trees hindered visibility; slope riprap

appeared failing in some parts

LM Start	1.33	Rating **	М	Issue No.	40 (cont)
LM End	1.49	Issue Type +	Ma	Location *	

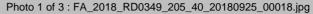




Photo 2 of 3: FA_2018_RD0349_205_40_20180925_00019.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.33 Rating ** M			Issue No.		40 (cont)	
LM End	1.49	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory		Start		End			
Item	2017 Storm Damage			38.2887	27°	38.286475°	
пеш			-121.5838	23 °	-121.585026°		
DWR ID DWR_RD0349_02_f _ 2017_40							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:66

Site Designation:DWR_RD0349_02_s_2012_28

Repair Type: Erosion Rating:Area of Concern Field Date:6/7/2017

Notes: dense vegetation and large trees hindered visibility; slope riprap

appeared failing in some parts



LM Start	1.33	Rating **	A/W	Issue No.	27		
LM End	1.49	Issue Type +	Ma	Location *	WS		
Category	ental	GPS La	titud	le/Longitude			
Category				Start		End	
Item	2017 USACE Erosion Survey,				27°	38.286475	0
пеш	DRAFT			-121.58382	23 °	-121.585026	0
DWR ID DWR_RD0349_02_f _ 2018_27							
Comment Code							

Inspector Comment

2017 Site ID: STM 24.7 R

Status: Critical

2017 Field Notes: No observed change.

Site History: 1997 - Erosion of very sandy levee behind large stand of riparian vegetation on top right bank. Dry ravel of sand. 1999 - Quarry waste rock was dumped down the levee slope; poor repair job; still eroding in places. Eroding at midslope off fabric. 2005 - Length revised, only the middle 150 - 200 ft are eroding. 2006 - Some rock/small material dumped down the bank but it is slowly unraveling. Upstream end is unraveling faster. Steep slope with poor gradation so fines are washing out. 2010 - Lots of overhanging trees and erosion pockets. 2011 - This site is upgraded to CRITICAL. Near vertical bank at the downstream end. New erosion at various locations throughout the site.

Photo 1 of 1 : FA_2018_RD0349_205_27_20181114_00105.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.46	Rating **	A/W	Issue No.		34	
LM End	1.46	Issue Type +	Ma	Location *			
Category	GPS Latitude/Longitude						
Calegory		Start		End			
Item	2017 Storm Damage			38.2868	86°	38.286861	0
item			-121.5845	89°	-121.584622	0	
DWR ID DWR_RD0349_02_f _ 2017_34							
		Comn	nent Cod	de			

Inspector Comment

Levee Evaluation Comments

Description:District Station 77+56 to 77+68, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 12 linear feet of erosion/sloughing exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:322

Site Designation:LMA-149 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

LM Start	1.46	Rating **	A/W	Issue No.	34 (cont)
LM End	1.46	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2018_RD0349_205_34_20180925_00011.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.46 Rating ** A/W		Issue No.		34 (cont)		
LM End	1.46	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory		Start		End			
Item	2017 Stor	m Damage		38.2868	86°	38.286861 °	
item			-121.5845	89°	-121.584622°		
DWR ID DWR_RD0349_02_f _ 2017_34							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District Station 77+56 to 77+68, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 12 linear feet of erosion/sloughing exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:322

Site Designation:LMA-149 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm



LM Start	1.48	Rating **	A/W	Issue No.		37		
LM End	1.49	Issue Type +	Ma	Location *				
Supplemental				GPS Latitude/Longitude				
Calegory	Category					End		
Item	2017 Stor	38.28670)8°	38.286569°				
item			-121.58483	39°	-121.585042°			
DWR ID DWR_RD0349_02_f _ 2017_37								
Comment Code								

Inspector Comment

Levee Evaluation Comments

Description: District Station 78+51 to 79+28, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 77 linear feet of erosion and scour exist along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:323

Site Designation:LMA-150

Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

Notes: no berm





N: Not Inspected/Rated C : Corrected

FINAL DATA

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.48	Rating **	A/W	Issue No. 37 (cont)		37 (cont)	
LM End	1.49	Issue Type +	Ма	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	2017 Stor	m Damage		38.2867	08°	38.286569°	
item				-121.5848	39°	-121.585042°	
DWR ID	DWR_RD0	WR_RD0349_02_f _ 2017_37					
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District Station 78+51 to 79+28, Sec. 18, T. 5 N. R. 4 E., M.D.M. Approximately 77 linear feet of erosion and scour exist along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately halfway down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:323

Site Designation:LMA-150 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm



LM Start	1.62	Rating **	С	Issue No.		33	
LM End	1.62	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.28549	7°	38.285497	0
пеш				-121.58708	3°	-121.587083	0
DWR ID	DWR_RD0	349_02_s _ 201	8_33				
		Comn	nent Cod	le			

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location N/A: Not Applicable LS: Land Side WS: Water Side

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	1.68	Rating **	С	Issue No.		54
LM End	1.68	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thin Trees			38.2850	02°	38.285002°
пеш				-121.5878	82°	-121.587882°
DWR ID	DWR_RD0	349_02_s _ 201	8_54			·
		Comn	nent Cod	de		
T1 : Trim t	rees to at l	east five feet	above g	round level		
Inspector Comment						

No Photos

LM Start	1.81	Rating **	М	Issue No.		56
LM End	1.94	Issue Type +	Ma	Location *		LS
Catagory	evee	GPS Latitude/Longitude				
Calegory	Category					End
Item	Vegetatio	n		38.28345	8°	38.281525°
пеш				-121.58924	0°	-121.589685 °
DWR ID	349_02_f _ 201	8_56				
		Comp	ant Coo	lo.		

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	2.04	Rating **	М	Issue No.		26	
LM End	2.05	Issue Type +	Ma	Location *		WS	
Category	Supplemental				GPS Latitude/Longitude		
Calegory						End	
Item		CE Erosion S	Survey,	38.2800	69°	38.279919°	
item	DRAFT			-121.5894	43 °	-121.589438 °	
DWR ID	DWR_RD0	349_02_f _ 201	8_26				

Comment Code

Inspector Comment

2017 Site ID: STM 24.1 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2011 - Small scallop caused by erosion and wave wash.



Photo 1 of 1: FA_2018_RD0349_205_26_20181114_00038.jpg

USACE 2013 Photo #1

* Location
LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.11	Rating **	A/W	Issue No.		41
LM End	2.13	Issue Type +	Ма	Location *		
Category	ental	GPS Latitude/Longitude				
Calegory				Start End		
Item	2017 Stor	m Damage		38.2790	39°	38.278806°
item				-121.5896	64°	-121.589783°
DWR ID	DWR_RD0	_RD0349_02_f _ 2017_41				
		Comn	nent Cod	de		

Inspector Comment

Levee Evaluation Comments

Description:District Station 112+11 to 113+04, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 93 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:324

Site Designation:LMA-151 Repair Type: Erosion Rating:Serious

Field Date:7/28/2017 Notes: no berm

LM Start	2.11	Rating **	A/W	Issue No.	41 (cont)
LM End	2.13	Issue Type +	Ma	Location *	



Photo 2 of 3: FA_2018_RD0349_205_41_20180925_00022.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.11	Rating **	A/W	Issue No.	Issue No. 41 (cont)	
LM End	2.13	Issue Type +	Ma	Location *		
Supplemental				GPS Latitude/Longitude		
Calegory				Start	End	
Item	2017 Stor	m Damage		38.2790	39°	38.278806°
пеш				-121.5896	64°	-121.589783 °
DWR ID	DWR_RD0	D0349_02_f _ 2017_41				
		Comn	nent Cod	de		

Inspector Comment

Levee Evaluation Comments

Description:District Station 112+11 to 113+04, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 93 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:324

Site Designation:LMA-151 Repair Type: Erosion Rating:Serious Field Date:7/28/2017 Notes: no berm

Photo 3 of 3 : FA_2018_RD0349_205_41_20180925_00023.jpg

LM Start	2.11	Rating **	A/W	Issue No.		25	
LM End	2.14	Issue Type +	Ма	Location *		WS	
Category			GPS Latitude/Longitude				
Calegory				Start	End		
Item		CE Erosion S	Survey,	38.2790	17°	38.278597	0
item	DRAFT			-121.5896	15 °	-121.589854	0
DWR ID DWR_RD0349_02_f _ 2018_25							
	Comment Code						

Inspector Comment

2017 Site ID: STM 23.9 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 1997 - Top right bank has retreated into the levee. Site is between two rock sites. 1999 - Downstream half of the reach repaired with rock. 2000 - Trees leaning into the water. 2010 - Site appears worse. 2011 - New erosion at the toe. 2013 - Short vertical sections observed at upstream end. 2015 - Minor new erosion.

Photo 1 of 1: FA_2018_RD0349_205_25_20181114_00017.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.39	Rating **	М	Issue No.	48		
LM End	2.39	Issue Type +	Ма	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start	End		
Item	Vegetatio	n		38.27548	37°	38.275487°	
пеш				-121.59124	12°	-121.591242°	
DWR ID DWR_RD0349_02_f _ 2018_48							
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation all the way down the land side slope

LM Start	2.43	Rating **	A/W	Issue No.		42
LM End	2.44	Issue Type +	Ma	Location *		
Category Supplemental				GPS Latitude/Longitude		
Calegory	Jalegory			Start		End
Item	2017 Stor	m Damage		38.2751	31 °	38.275036°
item				-121.5905	94°	-121.590461 °
DWR ID	DWR_RD0	349_02_f _ 201	7_42			

Inspector Comment

Comment Code

Levee Evaluation Comments

Description: District Station 128+76 to 129+27, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 51 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:325

Site Designation:LMA-152 Repair Type: Erosion Rating:Area of Concern

Field Date:7/28/2017

Notes: acess very difficult, steep slope, dense brush

Photo 1 of 2: FA_2018_RD0349_205_42_20180925_00024.jpg

No Photos



N/A: Not Applicable LS: Land Side WS: Water Side

N : Not Inspected/Rated C : Corrected

Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.43	Rating **	A/W	Issue No. 42 (cont)		42 (cont)
LM End	2.44	Issue Type +	Ма	Location *		
Category			GPS Latitude/Longitude			
Calegory	alegory			Start		End
Item	2017 Stor	m Damage		38.2751	31 °	38.275036°
пеш				-121.5905	94°	-121.590461°
DWR ID DWR_RD0349_02_f _ 2017_42						
		Comn	nent Cod	de		

Inspector Comment

Levee Evaluation Comments

Description:District Station 128+76 to 129+27, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 51 linear feet of erosion exists along the water side slope of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe around existing trees. No rip rap is visible in this area.

Site ID No:325

Site Designation:LMA-152 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017

Notes: acess very difficult, steep slope, dense brush



LM Start	2.56	Rating **	A/W	Issue No.	24		
LM End	2.69	Issue Type +	Ma	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item		CE Erosion S	Survey,	38.27385	54°	38.271998	0
пеш	DRAFT			-121.58874	15 °	-121.589424	0
DWR ID	DWR_RD0	349_02_f _ 201	8_24				
		Comn	nent Cod	le			

Inspector Comment

2017 Site ID: STM 23.6 R

Status: Eroding

2017 Field Notes: Previously observed quarry stone at the downstream end is now gone. Significant erosion at upstream end. Fresh

sedimentation on the downstream end.

Site History: 2011 - Toe scour at the tidal zone. 2015 - New tree popout and minor new erosion. 2016 - New erosion at upstream end.

Photo 1 of 2: FA_2018_RD0349_205_24_20181114_00008.jpg



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.56	Rating **	A/W	Issue No.	24 (cont)	
LM End	2.69	Issue Type +	Ma	Location *		WS
Category			GPS Latitude/Longitude			
Calegory	ы у			Start		End
Item		CE Erosion S	Survey,	38.2738	54°	38.271998°
пеш	DRAFT			-121.5887	45 °	-121.589424°
DWR ID	DWR ID DWR_RD0349_02_f _ 2018_24					
Comment Code						

Inspector Comment

2017 Site ID: STM 23.6 R

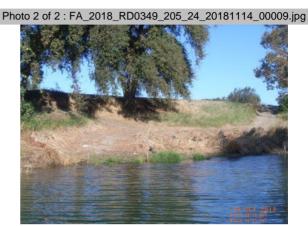
Status: Eroding

2017 Field Notes: Previously observed quarry stone at the downstream

end is now gone. Significant erosion at upstream end. Fresh

sedimentation on the downstream end.

Site History: 2011 - Toe scour at the tidal zone. 2015 - New tree popout and minor new erosion. 2016 - New erosion at upstream end.



USACE 2013 Photo #2

LM Start	2.56	Rating **	A/W	Issue No.		43	
LM End	2.59	Issue Type +	Ma	Location *			
Category				GPS Latitude/Longitude			
Calegory	egory			Start		End	
Item	2017 Stor	m Damage		38.2737	69°	38.273386°	
пеш				-121.5887	42 °	-121.588672 °	
DWR ID DWR_RD0349_02_f _ 2017_43							
	Comment Code						

Inspector Comment

Levee Evaluation Comments

Description: District Station 135+81 to 137+00, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 119 linear feet of sloughing exists due to scour along the water side toe of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe. No rip rap is visible in this area.

Site ID No:326

Site Designation:LMA-153 Repair Type: Erosion Rating: Area of Concern

Field Date:7/28/2017 Notes: no berm

Photo 1 of 3: FA_2018_RD0349_205_43_20180925_00026.jpg



LS: Land Side N/A: Not Applicable WS: Water Side

: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	2.56	Rating **	A/W	Issue No. 43 (cont		43 (cont)
LM End	2.59	Issue Type +	Ма	Location *		
Category			GPS Latitude/Longitude			
Calegory	Jalegory			Start		End
Item	2017 Stor	m Damage		38.2737	69°	38.273386°
пеш				-121.5887	42°	-121.588672°
DWR ID DWR_RD0349_02_f _ 2017_43						
	Comment Code					

Inspector Comment

Levee Evaluation Comments

Description:District Station 135+81 to 137+00, Sec. 13, T. 5 N. R. 3 E., M.D.M. Approximately 119 linear feet of sloughing exists due to scour along the water side toe of Steamboat Slough (Unit 2). The erosion area commences approximately 3/4 of the way down the slope from the levee crown and extends to the waterside toe. No rip rap is visible in this area.

Site ID No:326

Site Designation:LMA-153 Repair Type: Erosion Rating:Area of Concern Field Date:7/28/2017 Notes: no berm

LM Start	2.56	Rating **	A/W	Issue No.	43 (cont)
I M End	2.59	Issue Type +	Ma	Location *	



Photo 3 of 3: FA_2018_RD0349_205_43_20180925_00028.jpg



Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	3.29	Rating **	М	Issue No.		62	
LM End	3.60	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory	Category			Start		End	
Item	Vegetatio	n		38.2635	94 °	38.262449°	
пеш				-121.58862	29°	-121.593726°	
DWR ID DWR_RD0349_02_f _ 2018_62							
	Comment Code						

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Thick berry vines completely block inspection and access to toe.

Photo 1 of 1 : FA_2018_RD0349_205_62_20180925_00039.jpg



Remove berry vines to allow inspection and access.

LM Start	3.36	Rating **	С	Issue No.		63	
LM End	3.36	Issue Type +	Ма	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Trim / Thin Trees			38.26286	66°	38.262866 °	
пеш				-121.58934	16°	-121.589346 °	
DWR ID	ID DWR_RD0349_02_f _ 2017_63						

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Landside trees should be trimmed or thinned to allow inspection and access to levee slope and toe. Trees smaller than 4-inches in diameter at chest height should be removed.

No Photos

	LM Start	3.38	Rating **	M	Issue No.		23	
	LM End	3.49	Issue Type +	Ma	Location *		WS	
Supplemental			GPS Latitude/Longitude					
	Calegory				Start		End	
	2017 USACE Erosion Survey,			Survey,	38.2625	10°	38.262533	0
	Item	DRAFT			-121.5894	81 °	-121.591690	0
	DWR ID	DWR_RD0	349_02_f _ 201	8_23				

Inspector Comment

Comment Code

2017 Site ID: STM 22.8 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2010 - Slumping sections on the lower bank, appears to be

scouring around the trees. 2011 - Soil beach at toe.



USACE 2013 Photo #1

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	3.72	Rating **	М	Issue No.		64	
LM End	3.72	Issue Type +	Ма	Location *	WS		
Catagori Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetatio	n		38.26114	3°	38.261143 °	
пеш				-121.59507	1°	-121.595071 °	
DWR ID DWR_RD0349_02_s _ 2018_64							

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove cactus (century plants) from waterside shoulder.

No Photos

LM Start	3.81	Rating **	M	Issue No.		85	
LM End	3.99	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Animal Control			38.2598	82°	38.257252°	
iteiii			-121.5952	45 °	-121.595403°		
DWR ID	DWR_RD0349_02_f _ 2015_85						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents from the levee section.

No Photos

LM Start	3.93	Rating **	М	Issue No.		31
LM End	4.31	Issue Type +	Ма	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Vegetatio	n		38.2581	65 °	38.254680 °
Rem				-121.5951	43 °	-121.599793 °
DWR ID	DWR RD0	349 02 f 201	8 31			

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove black berries and control vegetation all the way down to the land side toe

Photo 1 of 1: FA_2018_RD0349_205_31_20181109_00100.jpg



View looking downstram of vegetation part way down the land side slope (November 2018).

Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	11/08/2018 11/08/2018	David Julian

LM Start	3.97	Rating **	М	Issue No.		45	
LM End	3.97	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS La	titud	le/Longitude	
Category				Start		End	
Item	Vegetation			38.257503°		38.257503°	
пеш				-121.5952	70°	-121.595270 °	
DWR ID	DWR_RD0	349_02_f _ 201	8_45				
		Comn	nent Cod	le			
V1 : Control annual grass and weeds on the levee slopes and easements.							

Inspector Comment

No Photos

LM Start	4.09	Rating **	М	Issue No.		35
LM End	4.09	Issue Type +	Ма	Location *		WS
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Slope Sta	bility		38.2560	65°	38.256065°
пеш				-121.5963	05°	-121.596305°
DWR ID	DWR_RD0349_02_f _ 2018_35					

Comment Code

S2: Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Foot path is beginning to dig into the water side slope

Photo 1 of 1: FA_2018_RD0349_205_35_20181109_00101.jpg



View of footpath going down the water side slope (November 2018).

Photo 1 of 1: FA_2018_RD0349_205_30_20181109_00099.jpg

LM Start	4.23	Rating **	U	Issue No.		30
LM End	4.33	Issue Type +	Ма	Location *		WS
Category	Earthen L	GPS Latitude/Longitude				
Calegory	Category					End
Item	Vegetatio	n		38.2549	62°	38.254882°
item				-121.5983	68 °	-121.600150 °
DWR ID	DWR_RD0349_02_f _ 2018_30					

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View of arundo on the water side slope (November 2018).

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	0.04	Rating **	М	Issue No.	37		
LM End	0.04	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory	Start En						
Item	Encroach	ments		38.2553	27°	38.255327°	
пеш				-121.6000	33 °	-121.600033 °	
DWR ID DWR_RD0349_03_f _ 2016_37							
Comment Code							

TR: Tree or limb

Inspector Comment

Dead tree on the waterside slope (large). This tree will fall and block access to the levee crown roadway. Remove the dead tree from the levee section.

Photo 1 of 1: FA_2018_RD0349_206_37_20180925_00005.jpg



RD 349 Unit 4 levee mile 0.04 Dead tree on the waterside shoulder and crown roadway.

LM Start	0.17	Rating **	С	Issue No.	38	
LM End	1.14	Issue Type +	Ма	Location *	CR	
Category Earthen Levee				GPS La	titud	e/Longitude
Category				Start		End
Item	Vegetatio	n		38.2572	00°	38.270755 °
item	em				72 °	-121.603570 °
DWR ID DWR_RD0349_03_s _ 2017_38						
Comment Code						

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	0.76	Rating **	М	Issue No.		8	
LM End	0.76	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category		Start				End	
Itom	Trim / Thi	n Trees		38.2656	37°	38.265637°	
item				-121.6016	40°	-121.601640 °	
DWR ID DWR_RD0349_03_f _ 2017_8							
Comment Code							
	DWR_RD0	349_03_f _ 201	nent Cod	-121.6016 le	40 °	-121.6010	

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim large fig tree to allow visibility and access to landside levee slope.

Photo 1 of 1: FA_2018_RD0349_206_8_20180925_00001.jpg

Trim trees on landside at LM 0.76.

Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	0.78	Rating **	М	Issue No.		9	
LM End	0.78	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.2659	18°	38.265918 °	
пеш			-121.601736°		-121.601736 °		
DWR ID	DWR_RD0	349_03_f _ 201	7_9				
		Comn	nent Cod	de			
TR : Tree	or limb						
Inspector Comment							
Clear fallen branches from waterside slope and crown road.							

No Photos

LM Start	0.80	Rating **	M	Issue No.		67
LM End	0.80	Issue Type + Ma		Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Category				Start		End
Item	Encroach	ments	38.26620)1 °	38.266201 °	
item				-121.60183	32°	-121.601832°
DWR ID	DWR_RD0349_03_s _ 2018_67					

Comment Code

TR: Tree or limb

Inspector Comment

Trees and limbs on landside shoulder and slope need to be cleared out to allow inspection and access.

Photo 1 of 1: FA_2018_RD0349_206_67_20181109_00095.jpg



View of down tree on the land side shoulder (November 2018).

	LM Start	1.05	Rating **	М	Issue No.		114	
	LM End	1.16	Issue Type +	Ma	Location *	ocation * W		
Category Earthen Levee					GPS La	atitud	e/Longitude	
	Calegory		Start		End			
	Item	Vegetatio	n		38.2694	62°	38.271158	0
	пеш				-121.6034	23°	-121.603475	0
	DWR ID	DWR_RD0						
Comment Code								

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

*	Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

	I						
LM Start	1.07	Rating **	M	Issue No.		69	
LM End	1.07	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atituc	le/Longitude	
Category				Start		End	
Item	Vegetation			38.2698	59°	38.269859°	
пеш				-121.603541 °		-121.603541 °	
DWR ID	DWR_RD0	349_03_s _ 201	8_69				
		Comn	nent Cod	le			
V2 : Remove the wild growth other than native grasses from the levee slopes.							
	Inspector Comment						

No Photos

Rating ** Issue No. 1.11 Μ LM Start 51 1.13 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.270452° 38.270677° Item -121.603587° -121.603572° DWR_RD0349_03_f _ 2017_51 DWR ID Comment Code

No Photos

T1: Trim trees to at least five feet above ground level.

Inspector Comment

	LM Start	1.25	Rating **	М	Issue No.		112			
	LM End	1.25	Issue Type +	Ma	Location *		WS			
	Category	Earthen Levee				GPS Latitude/Longitude				
					Start		End			
	Item	Trim / Thi	rim / Thin Trees			23°	38.272423	٥		
	itom		-121.6031	15°	-121.603115	٥				
	DWR ID	ID DWR_RD0349_03_f _ 2018_112								
	Comment Code									
	T1 : Trim trees to at least five feet above ground level.									

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	1.29 Rating ** M			Issue No.	111		
LM End	1.29	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	. Vegetation			38.2729	72 °	38.272972 °	
пеш			-121.6027	85 °	-121.602785 °		
DWR ID	DWR_RD0	DWR_RD0349_03_f _ 2018_111					
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation all the way down the land side slope

Issue No. Rating ** С 1.47 LM Start 33 1.47 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.275308° 38.275308° Item -121.601342° -121.601342° DWR_RD0349_03_f _ 2017_33 DWR ID Comment Code

TR: Tree or limb

Inspector Comment

Remove remnants of 2 dead trees on landside slope.

No Photos

No Photos

LM Start	1.48	Rating **	M	Issue No.	72		
LM End	1.48	Issue Type +	Ma	Location *	LS		
Category	Earthen L	GPS Latitude/Longitude					
				Start		End	
Item	Trim / Thin Trees			38.27534	11 °	38.275341 °	
item				-121.60135	55 °	-121.601355°	
DWR ID	DWR_RD0	349_03_s _ 201	8_72				
Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	1.49 Rating ** M			Issue No.	71		
LM End	1.49	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	egetation			96°	38.275496	0
пеш				-121.6012	73 °	-121.601273	0
DWR ID	DWR_RD0	DWR_RD0349_03_s _ 2018_71					
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

No Photos

LM Start	1.49	Rating **	М	Issue No.	70		
LM End	1.49	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		38.2754	96°	38.275496°	
item			-121.601272 ° -121.601		-121.601272°		
DWR ID	DWR_RD0349_03_s _ 2018_70						

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	1.67	Rating **	М	Issue No.		110
LM End	1.67	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
				Start		End
Item	Vegetatio	n		38.2780	17°	38.278017°
пеш				-121.6004	38°	-121.600438°
DWR ID	DWR_RD0349_03_f _ 2018_110					·

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove vegetation all the way down the land side slope.

No Photos

* Location

LS : Land Side N/A : Not Applicable

1.67 Rating **

WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	2.38	Rating **	М	Issue No.		109	
LM End	2.38	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Vegetatio	egetation			18°	38.287118°	
item			-121.604027 °		-121.604027°		
DWR ID	DWR_RD0	349_03_f _ 201	8_109				
		Comn	nent Cod	de			
	V1 : Control annual grass and weeds on the levee slopes and easements.						
		Inspecto	or Comm	nent			
Remove vegetation all the way down the land side slope							

No Photos

Issue No. Rating ** С 2.55 41 LM Start 2.74 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.289420° 38.292202° Item -121.603321° -121.603669° DWR_RD0349_03_f _ 2017_41 DWR ID Comment Code

No Photos

T2: Thin trees to allow visibility of the ground and room to flood fight.

D-+:-- **

Inspector Comment

	LM Start	2.83	2.83 Rating M		issue ivo.		35		
	LM End	2.97	Issue Type +	Ma	Location *		WS		
	Category	Earthen L	evee	GPS Latitude/Longitude					
					Start		End		
	Item	Trim / Thin Trees			38.2934	•03°	38.295376	0	
	item				-121.6040	13°	-121.604726	0	
	DWR ID	DWR_RD0	349_03_s _ 201						
			Comn	de					

Innue NI

No Photos

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	2.97	Rating **	М	Issue No.		100	
LM End	2.97	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetatio	Vegetation			45 °	38.295445°	
item				-121.6046	92°	-121.604692°	
DWR ID DWR_RD0349_03_f _ 2018_100							
Comment Code							
1/4 . Cantr	م امیرمم ام	anda	do on th	مام ممامه		224	

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View looking downstream at vegetation off the water side shoulder (November 2018).

LM Start	2.97	Rating **	М	Issue No.		107	
LM End	2.97	Issue Type +	Ма	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category		Start		End			
Item	Vegetatio	n		38.2954	45°	38.295445	0
item	1			-121.6046	92 °	-121.604692	0
DWR ID DWR_RD0349_03_f _ 2018_107							
	Comment Code						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation all the way down the land side slope

Remove vegetation all the way down the land side slope

No Photos

LM Start	3.15	Rating **	М	Issue No.	106	
LM End	3.15	Issue Type +	Ma	Location *		LS
Category	evee	GPS La	atitud	le/Longitude		
Category	gory					End
Item	Vegetatio	egetation			73°	38.297773°
пеш				-121.603635 °		-121.603635 °
DWR ID	DWR_RD0	349_03_f _ 201	8_106			
		Comn	nent Coo	de		
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slo	pes	and
easements.						
	Inspector Comment					



* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	3.40	Rating **	М	Issue No.	104		
LM End	3.40	Issue Type +	Ma	Location *	LS		
Category	Earthen L	arthen Levee GPS Latitu				e/Longitude	
Calegory	Category		Start		End		
Item	Vegetatio	n		38.3003	47 °	38.300347°	
пеш				-121.6002	77°	-121.600277°	
DWR ID	VR ID DWR_RD0349_03_f _ 2018_104						
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee

slopes. Inspector Comment

Remove vegetation all the way down the land side slope

No Photos

3.99 Rating ** С Issue No. LM Start 50 Issue Type + Location * CR LM End 4.91 Ма Earthen Levee GPS Latitude/Longitude Category Start Fnd Vegetation 38.307972° 38.318371 Item -121.597037° -121.589593° DWR_RD0349_03_s _ 2017_50 DWR ID

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Keep the crown roadway free of vegetation.

No Photos

Rating ** Issue No. С LM Start 4.12 46 4.12 Issue Type + Ma Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.309669° 38.309669° Item -121.598068° -121.598068° DWR ID DWR_RD0349_03_f _ 2017_46

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim trees to 12 feet above crown road.

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally A Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.19	Rating **	М	Issue No.		102		
LM End	4.19	Issue Type +	Ма	Location *	LS			
Category	Catagoria Earthen Levee					e/Longitude		
Calegory				Start		End		
Item	Encroachi	ments		38.3104	90°	38.310490°		
пеш		-121.597265 °						
DWR ID DWR_RD0349_03_f _ 2018_102								
		Comn	nent Cod	de				
TR : Tree of	or limb							
		Inspecto	or Comm	nent				
Remove tr	Remove tree from land side slope							

Photo 1 of 1: FA_2018_RD0349_206_102_20181109_00088.jpg

View of tree on the land side slope (November 2018).

Rating ** Issue No. 4.20 М 78 LM Start 4.20 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.310528° 38.310528° Item -121.597180° -121.597180° DWR_RD0349_03_f _ 2014_78 DWR ID

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Dead tree need removing from levee section.

No Photos

LM Start	4.26	Rating **	М	Issue No.		101	
LM End	4.26	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.3109	48°	38.310948	0
пеш				-121.5961	45°	-121.596145	0
DWR ID	DWR_RD0	349_03_f _ 201	8_101				
		Comn	nent Cod	de			

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation all the way down the land side slope

No Photos

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.48	Rating **	С	Issue No.		76		
LM End	4.48	Issue Type +	Ma	Location *	CR			
Category	Cotogon Earthen Levee					e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.3129	° 08	38.312980°		
пеш	item					-121.593081 °		
DWR ID	DWR ID DWR_RD0349_03_s _ 2018_76							
		Comn	nent Coc	de				
T4 : Trim t	rees over i	oadway to at	least 12	feet above	grou	und level.		
		Inspecto	or Comm	nent				

No Photos

Issue No. Rating ** Μ 77 LM Start 4.52 4.52 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.313317° 38.313317° Item -121.592608° -121.592608° DWR_RD0349_03_s _ 2018_77 DWR ID Comment Code T1: Trim trees to at least five feet above ground level.

No Photos

Inspector Comment

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.56	Rating **	A/W	Issue No.		115
LM End	4.68	Issue Type +	Ma	Location *		WS
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory				Start		End
Item		CE Erosion S	Survey,	38.31383	36°	38.315407°
пеш	DRAFT			-121.5922	59°	-121.591433°
DWR ID	DWR_RD0	349_03_f _ 201	8_115			

Inspector Comment

Comment Code

2017 Site ID: STR 26.5 L

Status: Eroding

2017 Field Notes: There appears soil under geotech fabric that appears

to be failing but hard to tell.

Site History: 2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 - Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 - Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2015 - Erosion pockets covered with plastic. 2018 DWR Inspector: This was rated as A/W due to the inability to verify the rating at the time of inspection. This site will be verified during the next inspection.

Photo 1 of 1: FA_2018_RD0349_206_115_20181119_00096.jpg



USACE 2013 Photo #1

LM Start	4.56	Rating **	С	Issue No.	52		
LM End	4.56	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.31375	8 °	38.313758°	
item				-121.59208	0°	-121.592080 °	
DWR ID	DWR_RD0	349_03_f _ 201	7_52				
	Comment Code						

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.64	Rating **	С	Issue No.		54	
LM End	4.64	Issue Type +	Ма	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.31477	o°	38.314770°	
пеш				-121.59149	7°	-121.591497°	
DWR ID	DWR_RD0	349_03_s _ 201	8_54				
	Comment Code						

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Rating ** С Issue No. LM Start 4.67 79 Issue Type + Location * CR LM End 4.67 Ма Earthen Levee GPS Latitude/Longitude Category Start Fnd Trim / Thin Trees 38.315218° 38.315218° Item -121.591301° -121.591301° DWR_RD0349_03_s _ 2018_79 DWR ID Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

No Photos

Rating ** Issue No. LM Start 4.71 53 4.71 Issue Type + Ma Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.315813° 38.315813° Item -121.590960° -121.590960° DWR ID DWR_RD0349_03_f _ 2017_53

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim tree to 12 feet above crown road, also remove low branch on waterside sholder.

No Photos

* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally A Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.74	Rating **	С	Issue No.		55	
LM End	4.74	Issue Type +	Ма	Location *		CR	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory						End	
Item	Trim / Thi	Frim / Thin Trees			82°	38.316182 °	
item				-121.5907	45 °	-121.590745 °	
DWR ID	DWR_RD0	349_03_s _ 201	18_55				
Comment Code							
T4: Trim t	T4 : Trim trees over roadway to at least 12 feet above ground level.						

Inspector Comment

No Photos

Rating ** Issue No. М 80 LM Start 4.77 4.77 Issue Type + Ма Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.316579° 38.316579° Item -121.590501° -121.590501° DWR_RD0349_03_s _ 2018_80 DWR ID Comment Code

No Photos

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

LM Start	4.79	Rating **	С	Issue No.		56	
LM End	4.79	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.3167	67°	38.316767	0
item				-121.5903	91 °	-121.590391	0
DWR ID	DWR_RD0	349_03_f _ 201	7_56				
		Comn	nent Cod	le			

No Photos

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim trees to 12 feet above levee crown.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	4.91	Rating **	С	Issue No.		47	
LM End	5.59	Issue Type +	Ма	Location *		CR	
Cotogony	Earthen Levee					le/Longitude	
Calegory	Category					End	
Item	Vegetatio	38.3183	71 °	38.326229	0		
пеш				-121.5895	93 °	-121.584754	0
DWR ID	DWR_RD0	349_03_f _ 201	7_47				
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			
	Inspector Comment						

No Photos

Issue No. Rating ** С 57 LM Start 4.96 4.99 Issue Type + Ма Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.319073° 38.319491 ° Item -121.589639 ° -121.589634° DWR_RD0349_03_s _ 2018_57 DWR ID Comment Code

No Photos

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

LM Start	5.01	Rating **	С	Issue No.		81	
LM End	5.01	Issue Type +	Ma	Location *		CR	
	Earthen L	evee		GPS La	atitud	le/Longitude	
Category			Sta			End	
Item	Trim / Thi	n Trees		38.3198	35°	38.319835	0
item				-121.5896	01°	-121.589601	0
DWR ID	DWR_RD0	349_03_s _ 201	8_81				
		Comn	nent Coo	le			
T4 : Trim t	rees over i	oadway to at	least 12	feet above	grou	und level.	

No Photos

Inspector Comment

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

A/W : Acceptable but Monitor & Maintain

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	5.03	Rating **	М	Issue No.	98		
LM End	5.03	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Calegory					End	
Item	Vegetatio	n		38.32006	8°	38.320068 °	
пеш				-121.58959	0°	-121.589590 °	
DWR ID	DWR_RD0	349_03_f _ 201					
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

Rating ** С Issue No. LM Start 5.05 82 5.05 Issue Type + Location * CR LM End Ma Earthen Levee GPS Latitude/Longitude Category Start Fnd Trim / Thin Trees 38.320362° 38.320362° Item -121.589623 ° -121.589623° DWR_RD0349_03_s _ 2018_82 DWR ID

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

Rating ** Issue No. LM Start 5.06 59 5.17 Issue Type + Ma Location * WS LM End Supplemental GPS Latitude/Longitude Category Start End 2017 USACE Erosion Survey, 38.320500° 38.322216° Item DRAFT -121.589882° -121.590101° DWR ID DWR_RD0349_03_f _ 2018_59

No Photos

Inspector Comment

Comment Code

2017 Site ID: STR 26.9 R

Status: Eroding

2017 Field Notes: new erosion at toe. new erosion pocket at upstream

end.

Site History: 2015 - Large Tree popout and tall vertical sections into the

levee slope.

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type
Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

-							
LM Start	5.06	Rating **	С	Issue No.		83	
LM End	5.06	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Trim / Thi	n Trees		38.3206	17°	38.320617°	
пеш	em				50°	° -121.589650 °	
DWR ID	DWR_RD0	349_03_s _ 201	8_83				
		Comn	nent Cod	de			
T4: Trim t	rees over i	oadway to at	least 12	feet above	grou	und level.	
		Inspecto	or Comm	nent			

No Photos

Rating ** С Issue No. LM Start 5.09 58 Location * 5.09 Issue Type + Ма CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.320934° 38.320934° Item -121.589686 ° -121.589686 ° DWR ID DWR_RD0349_03_f _ 2017_58 **Comment Code**

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	5.10	Rating **	М	Issue No.		99
LM End	5.10	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	titud	le/Longitude
				Start		End
Item	Vegetatio	n		38.3212	07°	38.321207°
item				-121.5897	05°	-121.589705°
DWR ID DWR_RD0349_03_f _ 2018_99						
Comment Code						

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation all the way down the land side slope

No Photos

* Location LS: Land Side

N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	5.15	Rating **	С	Issue No.		84		
LM End	5.15	Issue Type +	Ma	Location *		CR		
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Trim / Thin Trees				38.3218	12°	38.321812°		
пеш				-121.589753°		° -121.589753°		
DWR ID	DWR_RD0	349_03_s _ 201	8_84			·		
		Comn	nent Cod	de				
T4 : Trim t	rees over	roadway to at	least 12	feet above	grou	und level.		
		Inspecto	or Comm	nent				

No Photos

Rating ** С Issue No. LM Start 5.24 85 Location * CR 5.28 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.322848° 38.322992° Item -121.588906° -121.588272 ° DWR ID DWR_RD0349_03_s _ 2018_85 Comment Code

No Photos

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

LM Start	5.30	Rating **	С	Issue No.	86		
LM End	5.31	Issue Type +	Ма	Location *	CR		
Category Earthen Levee				GPS La	titud	le/Longitude	
Category	Category					End	
Item	Trim / Thi	n Trees		38.3230	70°	38.323125 °	
пеш				-121.5879	23 °	-121.587726 °	
DWR ID	DWR_RD0	349_03_s _ 201					
Comment Code							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

-								
LM Start	5.33	Rating **	С	Issue No.		87		
LM End	5.36	Issue Type +	Ma	Location *		CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item	Trim / Thi	n Trees		38.3232	04°	38.323373 °		
пеш			-121.587392 °		-121.586898°			
DWR ID	DWR ID DWR_RD0349_03_s _ 2018_87							
		Comn	nent Cod	de				
T4: Trim t	rees over i	oadway to at	least 12	feet above	grou	und level.		
		Inspecto	or Comm	nent				

No Photos

Rating ** С Issue No. LM Start 5.40 60 Location * CR 5.42 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.323767° 38.323966 ° Item -121.586269° -121.586029 ° DWR ID DWR_RD0349_03_f _ 2017_60 Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim trees to 12 feet above levee crown.

No Photos

LM Start	5.44	Rating **	С	Issue No.		88
LM End	5.47	Issue Type +	Ma	Location *	CR	
Category Earthen Levee				GPS La	tituc	le/Longitude
				Start		End
Item	Trim / Thi	n Trees		38.32412	20°	38.324602°
item				-121.58588	84°	-121.585586°
DWR ID	DWR_RD0349_03_s _ 2018_88					
Comment Code						

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location

LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	5.53	Rating **	С	Issue No.		61		
LM End	5.55	Issue Type +	Ma	Location *		CR		
Earthen Levee				GPS La	atitud	e/Longitude		
Category			Start		End			
Item	n Trees	38.3253	04°	38.325613°				
пеш				-121.585180 °		° -121.585026 °		
DWR ID	DWR ID DWR_RD0349_03_f _ 2017_61							
		Comn	nent Cod	de				
T4 : Trim t	rees over	roadway to at	least 12	feet above	grou	und level.		
		Inspecto	or Comm	nent				

No Photos

Rating ** Issue No. LM Start 5.59 Μ 96 Location * LS 5.61 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.326127° 38.326387° Item -121.584713° -121.584670° DWR ID DWR_RD0349_03_f _ 2018_96 Comment Code

No Photos

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	5.60	Rating **	С	Issue No.	89			
LM End	5.60	Issue Type +	Ма	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Trim / Thin Trees			38.32626	31 °	38.326261	0	
пеш	item				21 °	-121.584721	0	
DWR ID DWR_RD0349_03_s _ 2018_89								
Comment Code								

No Photos

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

-								
LM Start	5.60	Rating **	М	Issue No.		73		
LM End	5.75	Issue Type +	Ma	Location *		WS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category			Start		End			
Vegetation				38.3262	85°	38.326285 °		
пеш	Item				37°	-121.584737°		
DWR ID DWR_RD0349_03_f _ 2018_73								
		Comn	nent Cod	de				
	V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment								

No Photos

Rating ** С Issue No. LM Start 5.62 90 Location * CR 5.62 Issue Type + Ма LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.326654° 38.326654° Item -121.584681 ° -121.584681 DWR ID DWR_RD0349_03_s _ 2018_90 Comment Code

No Photos

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

LM Start	5.65	Rating **	С	Issue No.	91		
LM End	5.65	Issue Type +	Ма	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thin Trees			38.326981		38.326981	0
пеш	item				11°	-121.584711	0
DWR ID DWR_RD0349_03_s _ 2018_91							
Comment Code							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Start	5.69	Rating **	М	Issue No.		62		
LM End	5.76	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory			Start		End			
Item	Vegetation			38.3275	31°	38.328572 °		
пеш				-121.5848	74°	-121.585393 °		
DWR ID	DWR ID DWR_RD0349_03_f _ 2017_62							
		Comn	nent Cod	de				
V2 : Remove the wild growth other than native grasses from the levee slopes.								
Inspector Comment								

No Photos

LM Start	5.71	Rating **	М	Issue No.		95
LM End	5.71	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Encroachments ltem			38.327828 °		38.327828°	
пеш				-121.584960 °		-121.584960 °
DWR ID	DWR_RD0	349_03_f _ 201	8_95			
Comment Code						
TR : Tree or limb						

Inspector Comment

Remove down trees from land side slope



View of down trees on the land side slope (November 2018).

Photo 1 of 1: FA_2018_RD0349_206_92_20181109_00084.jpg

5.88	Rating **	M	Issue No.		92		
5.88	Issue Type +	Ma	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
ltem Vegetation			38.330110°		38.330110°		
			-121.5846	28°	-121.584628°		
DWR ID DWR_RD0349_03_f _ 2018_92							
Comment Code							
	Earthen L	5.88 Issue Type + Earthen Levee Vegetation DWR_RD0349_03_f_201	5.88 Issue Type + Ma Earthen Levee Vegetation DWR_RD0349_03_f_ 2018_92	5.88 Issue Type + Ma Location * Earthen Levee GPS La Start Vegetation 38.3301 -121.5846 DWR_RD0349_03_f _ 2018_92	5.88 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Vegetation 38.330110 ° -121.584628 ° DWR_RD0349_03_f _ 2018_92		

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove vegetation all the way down to land side toe



View looking upstream at vegetation partway down the land side slope (November 2018).

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	11/08/2018 11/08/2018	David Julian

LM Ctt	6.15	Rating **	С	Issue No.		63		
LM Start			-					
LM End	6.15	Issue Type +	Ma	Location *		CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Odlogory				Start		End		
Item	Trim / Thi	n Trees		38.3308	56°	38.330856°		
пеш	-121.581075 °				-121.581075°			
DWR ID DWR_RD0349_03_s _ 2018_63								
	Comment Code							
T4 : Trim trees over roadway to at least 12 feet above ground level.								
		Inspecto	or Comm	nent				

No Photos